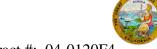
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 1.28

WELDING INSPECTION REPORT

Resident Engineer: Casey, William **Report No:** WIR-029749

Address: 333 Burma Road **Date Inspected:** 18-Jun-2013

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1530 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV Contractor: American Bridge/Fluor Enterprises, a JV **Location:** Jobsite

CWI Name: See below **CWI Present:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS: Delayed / Cancelled:** Yes No N/A

34-0006 **Bridge No: Component:** Piping and pipe supports

Summary of Items Observed:

At the start of shift, this Quality Assurance Inspector (QAI) traveled to the project site and observed the work and the inspection performed by American Bridge/Fluor Enterprises (AB/F) personnel. The inspection was performed on the various fillet welds of the East and West Orthotropic Box Girders (OBG's).

The welding was performed utilizing Shielded Metal Arc Welding (SMAW) process as per the Welding Procedure Specifications (WPS's).

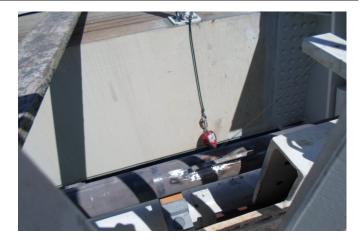
The welding continued this day of the reinforced W-Tee assembly for pipe support #PS-7 to the Westbound Barrier Rail at location W5/PP126(-350) as per detail 25D11A and per detail 8/D6a. The welding was performed by F.W.Spencer welder Barry Mullaney #6520 utilizing E7018 electrodes as per WPS# FWS Fillets Murex SFOBB Rv1. AB/F Quality Control (QC) Inspector William Sherwood was present and monitoring the WPS parameters of the welding in progress. All these welds appeared to meet the requirements of the contract documents.

This QAI witnessed the fillet-welding of the axial mounted piping key-plate tab weld #061813-01 to the 2-1/2" diameter water line at the Bikepath location PP28(-1600). The welding was performed by Tim Esquivel #8348 of F.W,Spencer utilizing E7018 electrodes as per the approved WPS #FWS Fillets Murex SFOBB Rev.1. The AB/F QC inspector Fred Michels was present, monitoring the WPS parameters of the welding in progress. These welds appeared to meet the requirements of the contract documents.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)





Summary of Conversations:

There were general conversations with the contractor's Quality Control personnel at the start of the shift regarding the location of welding and inspection personnel scheduled for this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact SMR Gary Thomas (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Morris, Monty	Quality Assurance Inspector
Reviewed By:	Reyes, Danny	QA Reviewer